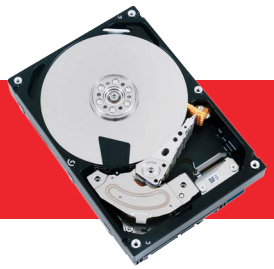
Compatibility Guide



TOSHIBA
Leading Innovation >>>

Toshiba MG03SCA Series

MG03SCA100 MG03SCA200 MG03SCA300 MG03SCA400

Hard Disk Drives 1TB, 2TB, 3TB and 4TB*
3.5-Inch / 7,200 RPM / SAS

Exclusively for the distribution channel, Toshiba's FACT Lab performs interoperability testing to ensure compatibility between Toshiba's storage products with third party partners' products such as host bus adaptors, controller cards, enclosures and systems.

Toshiba is involved in numerous standards committees and expects its storage products to work with other combinations of industry standard hardware and software that may not have been tested in the FACT Lab. Please contact Toshiba's FACT Lab if you have specific questions or request for testing.

Additional FACT Lab Services

In addition to interoperability testing, the FACT Lab can also offer the following:

- Assist in performing joint qualification testing of customer-unique requirements
- Perform problem duplication and resolution of related issues in complete systems
- Perform compatibility testing of new Toshiba products and new firmware releases

FACTLab

Host Bus Adapters (HBAs) and RAID Controllers

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following HBAs and RAID controllers:

Adaptec 6805Q with maxCache 2.0 **
Adaptec 6805TQ with maxCache 2.0**
Adaptec RAID 6405**
Adaptec RAID 6405E**
Adaptec RAID 6405T**
Adaptec RAID 6445**
Adaptec RAID 6805**
Adaptec RAID 6805E**
Adaptec RAID 6805T**
LSI MegaRAID SAS 9266-4i
LSI MegaRAID SAS 9271-4i
LSI MegaRAID SAS 9285CV-8e
LSI MegaRAID SAS 9271-8i
LSI MegaRAID SAS 9271-8iCC
LSI MegaRAID SAS 9270-8i
LSI MegaRAID SAS 9286CV-8e
LSI MegaRAID SAS 9286-8eCC
LSI MegaRAID SAS 9280-24i4e
LSI MegaRAID SAS 9285-8e
LSI MegaRAID SAS 9286-8e
LSI MegaRAID SAS 9265-8i
LSI MegaRAID SAS 9266-8i
LSI MegaRAID SAS 9280-16i4e
LSI MegaRAID SAS 9280-8e
LSI MegaRAID SAS 9260-16i
LSI MegaRAID SAS 9280DE-8e
LSI MegaRAID SAS 9260-8i
LSI MegaRAID SAS 9260DE-8i
LSI MegaRAID SAS 9260-4i
LSI MegaRAID SAS 9260CV-4i
LSI MegaRAID SAS 9280-4i4e
LSI MegaRAID SAS 9261-8i
LSI MegaRAID SAS 9260CV-8i
LSI MegaRAID SAS 9240-8i
LSI MegaRAID SAS 9240-4i
LSI Nytro MegaRAID NMR 8100-4i
LSI Nytro MegaRAID NMR 8110-4i
LSI Nytro MegaRAID NMR 8120-4i
Intel RS2WC080
Intel RS2WC040
Intel RS2BL080SNGL
Intel RS2BL080DE
Intel RS2BL040
Intel RS2VB040
Intel RS2MB044
Intel RS2VB080
Intel RS25NB008
Intel RS25DB080
Intel RS2SG244SNGL
Intel RS2WG160
Intel RS2PI008DE
Intel RS2BL080
Intel RS2PI008

Systems

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following systems:

Intel H2312JFFJR
Intel H2312JFFKR
Intel H2312JFJR
Intel H2312JFQJR
Intel H2312JFQKR
Intel H2312LPFJR
Intel H2312LPFKR
Intel H2312LPJR
Intel H2312LPKR
Intel H2312LPQJR
Intel H2312LPQKR
Intel H2312WPFJR
Intel H2312WPFKR
Intel H2312WPJR
Intel H2312WPKR
Intel H2312WPQJR
Intel H2312WPQKR
Intel P4304BTLSFCN
Intel P4304BTLSHCN
Intel P4304BTSSFCN
Intel P4304CR2LFGN
Intel P4304CR2LFJN
Intel P4304CR2LFKN
Intel P4304FP2SHDR
Intel P4304GP2MHDR
Intel P4304SC2SFEN
Intel P4304SC2SHDR
Intel P4304XXSFCN
Intel P4304XXSHCN
Intel P4308CP4MHEN
Intel P4308CP4MHGC
Intel P4308GP2MHGC
Intel P4308IP4LHGC
Intel P4308IP4LHJC
Intel P4308IP4LHKC
Intel P4308SC2MHGC
Intel R1304BTLSFAN
Intel R1304BTLSHBN
Intel R1304BTSSFAN
Intel R1304EP2SFFN
Intel R1304EP2SHFN
Intel R1304EP2SHOC
Intel R1304GZ4GC
Intel R1304SP2SFBN
Intel R1304SP2SHBN
Intel R1304SP2SHOC
Intel R1304SP4SHOC
Intel R2304LH2HKC
Intel R2308GL4GS
Intel R2308GZ4GC
Intel R2308IP4LHPC
Intel R2308SC2SHDR
Intel R2308SC2SHFN
Intel R2312GL4GS
Intel R2312GZ4GC
Intel R2312GZ4GCSAS
Intel R2312IP4LHPC
Intel R2312SC2SHGR
Intel S1200BTL
Intel S1200BTS
Intel S3420GPLC
Intel S3420GPLX
Intel S3420GPV
Intel SC5650BCDPR
Intel SC5650HCBRPR
Intel SC5650SCWS
Intel SR1530HSH
Intel SR1530SH
Intel SR1600URHSR
Intel SR1630GP
Intel SR1630GPRX
Intel SR1630HGP
Intel SR1630HGPRX
Intel SR1640TH
Intel SR1690WBR
Intel SR1695GPRX1AC
Intel SR1695GPRX2AC
Intel SR1695WBAC
Intel SR1695WBDC
Intel SR2600URLXR
Intel SR2600URSATAR
Intel SR2612URR

Operating Systems

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following operating systems:

Windows Server 2003 x64
Windows Server 2008 R2 x64
Red Hat Linux x86 x64 ver. 6.1
SuSE Linux 11 x64 SP2

Enclosures and Chassis

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following enclosures and chassiss:

Intel SC5650DP**
Intel SC5650BRP**
Intel SC5600LX**
Intel SC5600BRP**
Intel SC5600BASE**
Intel SC5650DP**
Intel SC5650BRP**
Intel SC5650WS **
Intel SC5600BASE**
Intel MFSYS35**
Intel SC5299UP**
Intel H2312XXJR**

Storage Management

Toshiba MG03SCA series hard disk drives have been tested and are compatible with the following storage management solutions:

Nexenta NexentaStor™ 3.0 and above

Contact FACT Lab: sddfactlab@taec.toshiba.com

*One Terabyte (1TB) = 1,000 Gigabytes (GB). One Gigabyte (1GB) means 10^9 = 1,000,000,000 bytes using powers of 10. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2^{30} = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the computer includes one or more pre-installed operating systems, pre-installed software applications, or media content. Actual formatted capacity may vary.

** 4TB capacity point has not officially been tested for compatiblity on this partner solution.

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